

## SEQUENCE LISTING

IAP20 Res U PCT/PTO 06 JAN 2006

&lt;110&gt; Valtion teknillinen tutkimuskeskus

&lt;120&gt; A method for cleaving proteins

&lt;130&gt; VTT138PCT

&lt;150&gt; 2001050

&lt;151&gt; 2003-07-09

&lt;160&gt; 30

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 1

Gly Ser Pro Thr Gly Ala Ser Thr His His His His His His Gly Ser  
 1 5 10 15

Pro Thr Gly Ala Ser Thr  
 20

&lt;210&gt; 2

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 2

Gly Ser Pro Thr Gly Ala Ser Thr Gly Gly Gly Gly Gly Gly Gly Ser  
 1 5 10 15

Pro Thr Gly Ala Ser Thr  
 20

&lt;210&gt; 3

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 3

Gly Ser Pro Thr Gly Ala Ser Thr His His His His His His Gly Ser  
 1 5 10 15

Pro Thr Gly Ala Ser Thr  
 20

&lt;210&gt; 4

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 4

Gly Ser Pro Thr Gly Ala Ser Thr Gly Ser Thr Gly Pro Ser Gly Ser  
 1 5 10 15

Pro Thr Gly Ala Ser Thr  
 20

&lt;210&gt; 5

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 5

Gly Ser Pro Thr Gly Ala Ser Thr His His His His Gly Ser Pro Thr  
 1 5 10 15

Gly Ala Ser Thr  
 20

&lt;210&gt; 6

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 6

Gly Ser Pro Thr Gly Ala Ser Thr His His Gly Ser Pro Thr Gly Ala  
 1 5 10 15

Ser Thr

&lt;210&gt; 7

&lt;211&gt; 24

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 7

Gly Ser Pro Thr Gly Ala Ser Thr His His His His His His His His  
 1 5 10 15

Gly Ser Pro Thr Gly Ala Ser Thr  
 20

&lt;210&gt; 8

&lt;211&gt; 27

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 8

Gly Ser Pro Thr Gly Ala Ser Thr His Ser His Ala His Gly His Ala  
 1 5 10 15

His Ser His Gly Ser Pro Thr Gly Ala Ser Thr  
 20 25

&lt;210&gt; 9

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 9

His Ser His Ala His Gly His Ala His Ser His Gly  
 1 5 10

&lt;210&gt; 10

&lt;211&gt; 40

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 10

gcattggatt cgaattctta gctgaagcta aagtcttagc

40

&lt;210&gt; 11

<211> 34  
<212> DNA  
<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 11

gcattaagct tctattcgct tttgcccga gtag

34

<210> 12

<211> 69

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 12

cgggtagccc aaccggcgcg agcaccatc accatcacca tcacggtagc ccaaccggcg

60

cgagcaccg

69

<210> 13

<211> 77

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 13

aattcgggtgc tcgcgccggt tgggctaccg tgatgggtgat ggtgatgggt gctcgcgccg

60

gttgggctac ccgagct

77

<210> 14

<211> 69

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 14

cgggtagccc aaccggcgcg agcaccggcg gtggtggtgg cggcggtagc ccaaccggcg

60

cgagcaccg

69

<210> 15

<211> 77

<212> DNA

<213> Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 15

aattcgggtgc tcgcgccggt tgggctaccg ccgccaccac cagggccggt gctcgcgccg 60

gttgggctac ccgagct 77

&lt;210&gt; 16

&lt;211&gt; 33

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 16

gcattgaatt cgacccctcc aaggactcga agg 33

&lt;210&gt; 17

&lt;211&gt; 33

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 17

gcattaagct tctactgctg aacggcgtcg agc 33

&lt;210&gt; 18

&lt;211&gt; 69

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 18

cgggtagccc aaccggcgcg agcaccggca gcaccgggtcc aagcggtagc ccaaccggcg 60

cgagcaccg 69

&lt;210&gt; 19

&lt;211&gt; 77

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 19

aattcgggtgc tcgcgccggt tgggctaccg cttggaccgg tgctgccggt gctcgcgccg 60

gttgggctac ccgagct 77

&lt;210&gt; 20

<211> 63

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 20

cgggtagccc aaccggcgcg agcacccatc accatcacgg tagcccaacc ggcgcgagca 60  
ccg 63

<210> 21

<211> 67

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 21

aattcgggtgc tcgcgccggt tgggctaccg tgatgggtgat ggggtgctcgc gccggttggg 60  
ctaccgg 67

<210> 22

<211> 56

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 22

cgggtagccc aaccggcgcg agcacccatc acggtagccc aaccggcgcg agcacc 56

<210> 23

<211> 65

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 23

aattcgggtgc tcgcgccggt tgggctaccg tgatgggtgc tcgcgccggt tgggctaccc 60  
gagct 65

<210> 24

<211> 75

<212> DNA

<213> Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 24

cgggtagccc aaccggcgcg agcaccacc atcaccatca ccatcaccat ggtagcccaa 60

ccggcgcgag caccg 75

&lt;210&gt; 25

&lt;211&gt; 83

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 25

aattcgggtgc tcgcgccggt tgggctacca tggatgatgt gatggatgat gtgggtgctc 60

gcgccggttg ggctaccga gct 83

&lt;210&gt; 26

&lt;211&gt; 84

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 26

cgggtagccc aaccggcgcg agcaccata gccacgcgca tggccacgcg catagccacg 60

gtagcccaac cggcgcgagc accg 84

&lt;210&gt; 27

&lt;211&gt; 92

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 27

aattcgggtgc tcgcgccggt tgggctaccg tggctatgcg cgtggccatg cgcgtggcta 60

tgggtgctcg cgccggttgg gctaccgag ct 92

&lt;210&gt; 28

&lt;211&gt; 4

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 28

His His His His

1

<210> 29

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> amino acid sequence

<400> 29

His His His His His His  
1 5

<210> 30

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> amino acid sequence

<400> 30

His His His His His His His His  
1 5

